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**Annual Return of Statistics relating
to Forest Administration in British
India for the year 1932-33**



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APPENDIX.

Diagram showing annual forest revenue, expenditure and surplus for the 10 years 1923-24 to 1932-33.

STATEMENT I.

Area of forests under the control of the Forest Department:

Province.		Forest area in square miles.				Percentage of forests to whole area of Province.	Remarks.
Name.	Area in square miles.	Reserved.	Protected.	Unclassed State.	Total.		
1	2	3	4	5	6	7	8
Bengal	75,857	0,478	660	3,445	10,583	13.9	
United Provinces . . .	106,014	(a) 5,195	4	53	5,252	4.9	(a) Includes 1 square mile of leased forests.
Punjab	95,315	(b) 1,542	(c) 3,205	(d) 462	5,209	5.5	(b) Includes 318 square miles of leased forests but excludes 499 square miles of reserved forests not under the control of Forest Department. (c) Excludes 63 square miles not under the control of Forest Department.
Burma	182,000	31,510	...	90,749	122,265	66.8	(d) Excludes 235 square miles of civil forest and village forest lands.
Federated Shan States .	60,615	3,180	...	(e) 35,025	38,814	64	(e) Excludes 22,202 square miles without forest growth.
Bihar and Orissa . . .	83,021	1,848	(f) 1,171	3	3,022	3.6	(f) Excludes 677 square miles not under Forest Department and one square mile under Railway Board.
Assam	55,415	10,184	...	14,862	21,066	37.9	
Central Provinces (including Berar).	99,957	(g) 19,606	...	...	19,606	19.6	(g) Includes 174 square miles of leased forests.
Coorg	1,593	519	330	...	849	53.3	
North-West Frontier Province.	12,986	215	105	...	350	2.7	
Ajmer	2,707	142	...	...	142	5.1	
Baluchistan (portions under British Administration).	51,228†	310	...	472	788	1.4	
Andamans and Nicobar .	3,143†	52	...	2,137	2,189	69.6	
Madras	142,218	15,650	(h) 565	...	16,215	11.4	(h) Represents reserved lands.
Bombay (including Sind) .	123,254	13,607	1,172	...	(i) 14,809	12.1	(i) Includes 2,304 square miles of reserved and protected forests not under the management of Forest Department.
Total 1932-33	1,090,313†	106,170	7,212	147,828	261,210	23.7	
" 1931-32	1,101,002†	105,960	6,682	133,180	245,831	22.3	
" 1930-31	1,102,593†	107,753	6,263	135,604	249,710	22.6	
" 1929-30	1,103,480†	107,353	6,298	135,503	249,154	22.6	
" 1928-29	1,103,492†	106,819	6,308	136,665	249,822	22.7	

† Figures taken from the Census Report of 1931.

‡ Excluding Delhi Province and Pargana Manpur.

STATEMENT II.

Progress made in Forest Settlements during the year 1932-33.

Province.	Area in square miles.			Cost during year.		Entire cost per square mile of areas finally settled.
	Finally settled during year.	In hand at commencement of year.	Taken in hand during year.	In Forest Accounts.	In other Accounts.	
1	2	3	4	5	6	7
				Rs.	Rs.	Rs.
Bengal	1	29	...	..	...	...
United Provinces . . . . .	...	1	...	...	...	...
Punjab . . . . .	...	7	...	...	...	...
Burma	453	976	62	...	...	...
Federated Shan States	24	54	...	...	...	...
Bihar and Orissa	12	13	...	...	...	...
Assam	40	62	87	...	...	...
Central Provinces	1	1	1	...	...	...
Coorg . . . . .	...	...	...	...	...	...
North-West Frontier Province . . . . .	...	20	...	...	...	...
Ajmer . . . . .	...	...	...	...	...	...
Baluchistan . . . . .	...	316	...	316	...	...
Andamans . . . . .	...	52	...	...	...	...
Madras	77	177	87	No information available.		...
Bombay	45	49	43	255	...	...
1932-33	653	1,757	280	571	...	...
1931-32	1,643	3,075	453	21,066	...	...
Total 1930-31	530	4,242	512	10,088	...	...
1929-30	554	2,766	2,236	14,304	...	...
1928-29	1,433	2,300	1,715	8,312	...	269

STATEMENT III.

Demarcation and maintenance of boundaries.

Province.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.	
								On new work.	On repairs.
1	2	3	4	5	6	7	8	9	10
	Miles	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.
Bengal	201	1,260	1,556	3,017	314	1,391	4,722	7,237	9,820
United Provinces . .	33	2,606	5,910	8,675	20	2,886	11,581	1,051	12,859
Punjab	7	1,819	7,121	8,947	1	1,895	10,846	...	5,516
Burma	292	1,264	16,038	17,594	338	4,016	21,948	5,902	11,136
Federated Shan States	10	282	1,045	1,337	...	586	1,923	301	1,783
Bihar and Orissa . .	58	3,641	1,168	4,867	3	355	5,228	266	3,153
Assam	7	1,574	1,045	2,626	12	2,371	5,009	100	8,387
Central Provinces . .	5	3,572	29,266	32,843	...	3,377	36,220	117	7,755
Cooch . . . .	...	25	444	469	...	67	536	...	567
North-West Frontier Province.	41	167	610	818	...	139	957	227	1,355
Ajmer . . . .	...	9	230	239	...	158	397	...	175
Baluchistan . . . .	...	26	434	460	...	77	537	...	80
Andamans . . . .	...	...	36	36	36	23	95	...	...
Madras	70	19,911	2,094	22,005	433	2,267	25,704	3,019	7,596
Bombay	35	25,337	13,066	38,438	45	2,709	41,192	81	3,002
1932-33	759	61,013	80,999	143,371	1,202	21,823	166,396	18,031	73,217
1931-32	771	57,263	85,065	143,110	1,422	21,655	166,096	17,630	62,692
Total 1930-31	1,152	61,980	79,318	142,486	731	21,462	164,679	32,161	1,03,440
1929-30	1,173	61,499	78,638	140,860	437	21,045	162,806	17,974	1,03,363
1928-29	1,623	62,750	76,327	140,638	503	21,031	163,179	20,759	1,16,120

STATEMENT IV.

Forest survey operations from 1st April 1932 to 31st March 1933.

Province.	Forest surveyed.	Nature of survey operations.						Total area of detail survey.		Expenditure of the year including mapping charges debitable to "Forests".	Remarks.
		1"		2"		4"					
		Detail survey.	Detail survey.	Detail survey.	Detail survey.	1932-33.	Total up to date.				
1	2	Area.	Cost rate.	Area	Cost rate.	Area.	Cost rate.	9	10	11	12
Andamans	...	...	...	...	...	...	...	...	527-00	Rs. A. P.	-
Assam	Cachar	76-58	...	...	...	...	...	(a) 76-58	5,691-62	.....	(a) Cost of surveys not debitable to "Forests".
Bengal	Chittagong Hill Tracts	40-62	...	...	...	...	...	(b) 40-62	5,339-22	.....	(b) Ditto.
Bihar and Orissa.	Angul	62-70	...	...	...	...	...	(c) 62-70	2,460-27	.....	(c) Excludes 190-54 sq. miles of revisionary survey. Cost not debitable to "Forests."
N.-W. F. P.	...	...	...	...	...	...	...	...	465-00	.....
Baluchistan	Baluchistan	8-60	...	...	...	...	...	(d) 8-60	249-90	.....	(d) Excludes 167-82 sq. miles of revisionary survey on 1" scale and 30-04 sq. miles on 2" scale. 268-8 L. M. of boundaries were previously surveyed and 30-0 L. M. of boundaries not previously surveyed. Cost not debitable to "Forests."
Punjab	...	...	...	...	...	...	...	...	4,355-00	.....
United Provinces.	...	...	...	...	...	...	...	...	7,142-70	.....
Ajmer	...	...	...	...	...	...	...	...	172-01	.....
Madras	...	...	...	...	...	...	...	...	18,216-57	.....

STATEMENT IV—contd.

Forest survey operations from 1st April 1932 to 31st March 1933—contd.

Province.	Forest surveyed.	Nature of survey operations.						Total area of detail survey.		Expenditure of the year including mapping charges debitable to "Forests".	Remarks.	
		1"		2"		4"						
		Detail survey.	Detail survey.	Detail survey.	Area.	Cost rate.	Area.	Cost rate.	Area.			Cost rate.
1	2	3	4	5	6	7	8	9	10	11	12	
India . . .	...	...	...	...	...	...	...	...	...	Rs. A. P.	
Coorg . . .	...	...	...	...	...	...	...	...	478'00	.....	
Central Provinces.	Chanda Sambalpur East (f)	101'20	...	...	...	...	...	(e) 101'39	19,636'30	.....	(e) B class reserved Forests. Cost not debitable to "Forests". (f) Revision of 62.12 sq. miles of Forests on 1" scale covered by Forest survey on larger scale. Cost not debitable to "Forests".
Bombay . . .	...	...	...	...	...	...	...	...	18,232'90	.....	
Burma . . .	Upper Chindwin	7'68	...	...	...	...	...	(g) 7'68	27,362'80	.....	(g) Excludes 241.70 sq. miles of revisionary survey. Cost not debitable to "Forests". (h) Excludes 608.41 sq. miles of revisionary survey. Cost not debitable to "Forests".
	Myittha . . .	104'87	...	...	...	...	...	(h) 104'87			
Contributions to Forest Map Office by Provincial and Central Governments (after emergency out).											Rs.	
TOTAL 1932-33	1st April 1932 to 31st March 1933.	402'56	...	...	...	...	...	402'56	105,570'32	Rs. A. P.	41,962
" 1931-32	1st April 1931 to 31st March 1932.	478'51	...	...	...	8'79	...	482'03	105,170'77	8,826 0 0	46,000
" 1930-31	1st April 1930 to 31st March 1931.	...	...	...	...	362'23	...	362'23	101,691'44	2,58,901 0 0	46,000
" 1929-30	1st April 1929 to 31st March 1930.	1,491'73	...	...	...	230'75	...	1,782'48	104,832'21	2,41,091 0 0	86,000
" 1928-29	1st April 1928 to 31st March 1929.	1,051'50	...	...	...	800'52	...	1,474'11	102,540'78	2,50,791 0 0	86,000

STATEMENT V.

Progress made in working plans.

Province.	Area under sanctioned working plans.					Area not under working plans.			Total forest area in Statement I. (Total of columns 5, 7, 8 and 9.)	Revisions.			
	At commencement of the year.	Added during the year.	Deducted during the year.	At close of year.		Plans under preparation.	Plans not under preparation.			Due or required.	In progress at the end of the year.	Revised plans sanctioned during the year.	Expenditure on working plans during the year.
				Actual area.	Percentage of total forest area (as shown in column 10).		Required at present.	Not required at present.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Sq. m.	Sq. m.	Sq. m.	Sq. m.		Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Rs.
Bengal	6,811	45	93	6,763	53.9	1	28	3,791	10,583	...	105	3,007	23
United Provinces	4,990	216	...	5,206	99.1	31	...	15	5,252	...	1,739	718	74,577
Punjab	2,545	207	372	2,380	46	118	...	2,711	5,209	...	1,227	461	4,901
Burma	23,949	1,811	186	24,974	79	931	1,326	4,285	(a) 31,516	...	3,271	807	...
Federated Shan States	1,873	...	...	1,873	43	204	24	1,538	(a) 3,189	...	842	...	...
Bihar and Orissa	2,237	7	8	2,241	74.18	106	10	604	3,021	175	845	...	507
Assam	1,503	...	...	1,503	7	267	2,372	16,924	21,066	0	8	...	...
Central Provinces	17,585	8	8	17,580	89	990	53	983	19,606	1,406	956	1,662	...
Coorg . . . . .	...	...	...	...	...	...	...	...	849	179	169	...	8,218
North-West Frontier Province	215	...	...	215	70	...	...	105	350	...	...	76	...
Ajmer	142	...	...	142	...	...	...	...	142	...	...	...	...
Baluchistan . . . . .	...	...	...	...	...	...	...	788	788	...	...	...	...
Andamans	708	...	...	708	32.34	...	...	1,481	2,189	...	(b) 708	...	33,759
Madras	9,109	1,493	...	10,602	65	2,719	2,894	...	16,215	...	...	630	...
Bombay	8,680	100	92	8,687	71	775	285	2,627	(c) 12,594	...	1,551	20	2,291
TOTAL 1912-33	79,477	3,891	754	82,614	62.3	6,202	6,992	35,842	132,559	1,759	11,421	8,476	123,643
.. 1931-32	76,131	4,235	711	79,658	59.2	8,818	10,397	35,678	134,546	1,198	15,825	3,145	2,01,574
.. 1930-31	74,272	2,015	115	76,162	57.5	12,032	11,192	32,459	132,475	1,718	16,590	1,280	1,24,851
.. 1929-30	71,141	3,975	571	74,515	57.1	14,309	9,361	34,180	130,397	3,790	15,561	1,037	1,25,877
.. 1928-29	66,765	7,714	1,439	72,970	55.2	12,168	7,271	39,463	131,008	2,977	13,279	5,690	1,41,772

(a) Excludes unenclosed forest.

(b) Area given is that of old working plan. Actual area that will be included in new working plan is not known.

(c) Excludes 2,801 square miles not under the management of Forest Department.

STATEMENT VI.

Expenditure on communications and buildings.

Province.	New Works.		Repairs.		Other Works	Total.
	Buildings.	Roads and paths.	Buildings.	Roads and paths.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	2	3	4	5	6	7
Bengal	16,614	470	36,918	42,117	12,561	1,05,080
United Provinces	5,027	5,702	60,144	17,157	16,074	2,04,760
Punjab	2,606	600	20,553	23,159	5,013	1,73,213
Burma	7,000	3,951	63,374	1,37,744	9,091	2,42,160
Federated Shan States	2,501	...	2,556	2,267	2	7,026
Bihar and Orissa	3,632	2,615	26,610	31,557	3,406	71,210
Assam	29,793	8,103	24,707	45,062	16,921	1,14,146
Central Provinces	1,473	14,210	55,007	1,62,132	10,420	1,81,160
Cooch . . . . .	...	...	2,851	1,006	1,010	7,261
North-West Frontier Provinces	1,124	85	7,646	23,556	1,162	34,313
Ajmer . . . . .	...	...	92	245	47	1,616
Baluchistan . . . . .	...	3	490	47	50	170
Andaman . . . . .	...	...	2,038	50	12,124	15,161
Madras	10,853	6,183	55,831	10,021	5,914	1,78,802
Dombay	22,036	73,441	21,105	87,541	11,541	2,21,774
Total 1922-23	1,01,867	1,07,629	4,78,615	6,04,181	1,07,771	14,31,263
" 1921-22	1,07,776	1,71,520	4,92,277	7,78,561	1,65,202	17,15,276
" 1920-21	30,27,497	21,03,626	4,73,770	7,67,718	8,09,071	65,00,782
" 1919-20	82,73,522	22,94,079	5,19,150	10,23,074	8,71,706	75,76,121
" 1918-19	9,56,735	6,85,325	6,07,240	5,82,617	3,69,075	32,07,032

* Acquisition of land for roads and buildings.

† Excludes Rs. 15,911 on account of cost and carriage of material, 10% of temporary establishment and maintenance. Supervision and interest charges on Railway B. G. siding, Chikmagalur.

STATEMENT VII.

Branches of forest rules.

Province.		New Cases of the year.						Total cases.	Disposed of during the year.						Cases pending at close of year.
		Cases pending from 1931-32.	Injury to forest by fire.	Unauthorised felling or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.		
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bengal . . .	A.	98	1	283	10	138	472	530	215	466	33	93	248	559	273
	B.	412	6	2,783	2,513	1,656	6,088	7,400	7,169	12,510	15	19	7,184	12,529	189
	C.	...	122	213	16	32	393	383	...	...	...	...	...	...	...
	Total	510	129	3,279	2,569	1,826	7,893	8,313	7,884	12,976	48	112	7,193	13,088	462
United Provinces.	A.	107	19	68	24	54	165	272	172	422	18	75	185	497	56
	B.	730	68	1,823	1,983	1,129	5,028	5,758	1,644	11,645	317	805	4,961	12,450	798
	C.	...	179	119	15	25	338	338	...	...	...	...	...	...	...
	Total	837	286	2,015	2,022	1,208	5,531	6,363	4,816	12,067	330	890	5,146	12,947	894
Punjab . . .	A.	1,222	20	789	333	419	1,761	2,063	1,436	2,347	113	441	1,569(a)	2,788	1,080
	B.	1,784	51	2,956	4,711	2,570	10,257	12,081	10,306	13,893	...	...	10,307(b)	18,698	1,209
	C.	...	207	257	93	97	654	654	...	...	...	...	...	...	...
	Total	3,006	278	4,002	5,337	3,093	12,712	15,718	11,762	16,245	113	441	11,875	16,066	2,289
Burma . . .	A.	579	1	1,162	88	271	1,473	2,031	1,483	2,041	131	413	1,616	2,454	...
	B.	1,133	13	9,673	291	2,156	12,133	13,236	10,407	12,589	...	...	10,407	12,589	...
	C.	...	...	149	2	23	173	173	...	...	...	...	...	...	...
	Total	1,712	14	10,184	331	2,110	13,778	15,480	11,889	14,630	131	418	12,023	15,043	2,510*
Federated Shan States.	A.	1	...	...	...	...	...	1	1	2	...	...	1	2	...
	B.	20	1	135	23	67	225	245	168	217	...	...	158	217	...
	C.	...	...	4	...	...	4	4	...	...	...	...	...	...	...
	Total	21	1	139	23	67	229	250	169	219	...	...	159	219	42*
Bihar and Orissa.	A.	55	8	221	19	67	315	370	267	571	45	146	312	717	32
	B.	163	7	2,610	459	147	3,223	3,846	3,235	8,919	...	...	3,235	8,919	121
	C.	...	75	19	...	1	95	95	...	...	...	...	...	...	...
	Total	218	90	2,850	478	215	3,633	3,851	3,502	9,490	45	146	3,547	9,636	153
Assam . . .	A.	94	...	193	17	133	343	437	256	487	39	118	295	632	142
	B.	323	...	1,119	63	565	1,797	2,126	1,610	3,116	75	215	1,635	3,333	241
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	417	...	1,312	100	698	2,140	2,563	2,066	3,605	114	360	2,180	3,965	383
Central Provinces.	A.	59	7	131	116	41	353	351	246	780	58	223	301	1,013	80
	B.	5,311	182	10,100	10,003	1,413	21,758	23,099	10,927	48,022	1,277	2,890	21,204	51,312	3,625
	C.	...	403	1,244	201	40	1,891	1,891	...	...	...	...	...	...	...
	Total	5,370	592	11,535	10,333	1,494	23,971	27,371	12,073	49,702	1,335	2,623	21,508	52,325	3,705
Coorg . . .	A.	...	...	1	2	3	6	6	1	4	...	...	4	4	2
	B.	...	1	5	33	7	46	46	46	55	...	...	46	55	...
	C.	...	...	2	3	1	6	6	...	...	6	8	6	8	...
	Total	...	1	8	38	11	58	58	50	59	6	8	56	67	2
North-West Frontier Province.	A.	163	12	238	52	68	420	378	94	207	25	75	119	282	349
	B.	8	4	1,830	1,655	559	3,778	3,784	3,058	4,684	...	...	3,058	4,684	726
	C.	...	62	2	...	...	64	64	...	...	...	...	...	...	...
	Total	171	78	1,900	1,707	627	4,262	4,426	3,152	4,691	25	75	3,177	4,463	1,075

* Burma and Federated Shan States have not shown separately "A", "B" & "C" in column 15. They have given the totals only.
 (a) Excludes 334 cases withdrawn and filed.
 (b) " 566 cases dropped.

STATEMENT VII—*contd.*Breaches of forest rules—*contd.*

Province.		Cases pending from 1931-32.	New Cases of the year.					Total cases.	Disposed of during the year.							Cases pending at close of year.
			Injury to forest by fire.	Unauthorized taking or appropriation of wood and minor forest produce.	Grazing without permission, or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Total.			
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Ajmer	A.	12	...	24	42	6	72	81	73	133	3	6	76	144	8	
	B.	...	19	571	1,648	25	2,263	2,263	2,263	4,783	...	...	2,263	4,783	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	12	19	595	1,690	31	2,335	2,347	2,336	4,921	3	6	2,339	4,927	8	
Baluchistan	A.	21	...	7	10	2	19	40	27	79	6	17	33	96	7	
	B.	...	...	45	260	1	306	306	306	477	...	...	306	477	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	21	...	51	270	3	325	346	333	556	6	17	339	573	7	
Andamans	A.	...	...	5	...	...	5	5	5	5	...	...	5	5	...
	B.	...	...	13	...	...	13	13	13	13	...	...	13	13	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	...	18	...	...	18	18	18	16	...	...	18	18	...
Madras	A.	2,744	152	7,418	1,725	501	9,796	12,540	3,630	10,786	6,537	15,669	10,196	28,055	2,344	
	B.	3,061	145	12,774	3,089	1,627	17,635	20,696	13,991	27,900	1,729	3,303	15,720	31,203	4,976	
	C.	10	1,439	591	1	9	2,040	2,050	...	...	...	...	...	...	...
	Total	5,815	1,736	20,783	4,815	2,137	20,471	35,286	17,630	38,686	8,266	18,972	25,916	57,256	7,320	
Bombay	A.	153	12	190	104	48	354	507	336	910	38	149	374	1,050	138	
	B.	1,816	169	9,256	6,517	3,804	18,736	20,582	18,867	42,652	...	...	18,867	42,652	1,715
	C.	39	1,731	1,667	21	72	3,494	3,533	...	...	...	...	...	...	...
	Total	2,039	1,902	11,113	6,645	2,924	22,584	24,622	19,203	43,562	38	149	19,241	43,711	1,848	
GRAND TOTAL	A.	5,303	232	10,760	2,722	1,771	15,485	20,788	8,273	18,815	7,064	17,462	15,337	36,907	4,536	
	B.	12,826	670	55,289	23,497	14,763	104,820	117,051	96,209	192,852	3,413	6,732	99,613	199,114	19,570	
	C.	49	4,218	4,267	355	289	9,142	9,191	...	...	6	8	6	8	...
Total 1932-33		18,177	5,120	70,315	36,577	16,835	125,653	147,030	101,473	211,227	10,483	21,201	111,030	235,429	25,106	
" 1931-32		17,955	4,947	63,390	36,618	18,700	116,761	138,749	99,775	207,037	9,825	20,664	109,600	237,921	17,677	
" 1930-31		12,287	4,547	58,756	33,630	17,622	110,515	125,052	69,762	191,616	7,671	16,895	97,653	210,740	13,784	
" 1929-30		13,710	4,802	55,959	33,974	15,887	110,142	126,035	97,718	196,183	5,939	14,570	103,652	211,002	11,722	
" 1928-29		12,770	4,737	58,111	34,850	14,368	112,456	129,004	96,534	193,820	5,091	13,363	101,745	207,169	15,520	

N.B.—A. Cases taken into Court.
 B. Cases compounded.
 C. Undetected offences.

STATEMENT VIII.

Area protected from fire.

Province.	Area in square miles.		Percentage of forests under fire protection to total area of reserves.	Percentage of failure to area attempted.		Remarks.
	Attempted.	Protected.		Average of past five years to 1931-32.	1932-33.	
1	2	3	4	5	6	7
Bengal	1,735	1,692	26.8	0.6	2.5	
United Provinces	3,390	3,160	64.1	4.7	6.4	
Punjab	938	908	60.63	1.9	3.14	
Burma	168	147	0.5	6.9	7.0	
Federated Shan States	3	3	0.1	18.0	—	
Bihar and Orissa	1,919	1,815	96.3	8.1	5.5	
Assam	19	19	0.3	30.6	...	
Central Provinces	13,540	13,028	60.0	4.4	3.0	
Coorg	230	229	44	1.3	0.4	
North-West Frontier Province	152	139	62	3.4	8.8	
Ajmer	142	141	99.3	0.45	0.7	
Madras	16,288	14,743	93	5.66	3.57	
Bombay	4,339	3,855	63	5	5	
Total 1932-33	46,843	44,870	42.3	4.7	4.2	
" 1931-32	46,271	43,236	40.8	4.3	6.5	
" 1930-31	45,838	43,862	40.7	3.9	4.3	
" 1929-30	46,178	43,907	40.9	3.6	4.7	
" 1928-29	43,993	41,993	41.1	3.6	4.5	

STATEMENT IX.

Causes of forest fires.

Province.	Fires originating in departmental fire conservancy operations.		External fires crossing the fire traces.		Fires due to carelessness of outsiders.		Fires originating from intention or malice.		Fires due to unknown causes.		Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13
	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.
Bengal	5	1	14	4	45	15	2	...	47	28	113	43
United Provinces	16	1	64	29	92	94	18	9	110	87	300	220
Punjab	1	...	26	2	134	5	117	31	6	...	284	38
Burma	9	319	9	170	20	2,219	3	398	34	3,957	75	7,093
Federated Shan States . . . . .	...	..	...	...	2	4	...	...	4	22	6	26
Bihar and Orissa	3	...	11	9	13	4	14	22	118	74	159	109
Assam	2	...	...	...	13	...	17	160	...	...	32	160
Central Provinces	26	7	127	71	210	122	29	12	486	300	878	512
Cooch . . . . .	...	...	4	...	1	...	...	...	5	1	10	1
North-West Frontier Province	1	...	5	...	14	1	51	12	4	...	78	13
Ajmer . . . . .	...	...	..	...	11	1	...	...	..	...	14	1
Baluchistan . . . . .	...	...	...	...	1	...	..	...	1	...	2	...
Andamans . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Madras	47	5	107	44	569	164	321	89	982	254	1,726	556
Bombay	76	32	123	95	532	84	146	33	1,406	256	1,883	493
TOTAL 1932-33	186	393	550	424	1,600	2,713	721	766	2,503	4,974	5,500	9,270
" 1931-32	156	88	610	1,337	1,820	4,030	837	8,117	2,860	2,079	6,313	16,555
" 1930-31	144	146	509	301	1,358	332	675	457	2,600	838	5,286	2,077
" 1929-30	190	170	552	412	1,360	458	589	652	2,562	1,037	5,253	2,808
" 1928-29	195	52	620	412	1,513	521	608	182	2,050	698	5,615	2,005

STATEMENT X.

Area closed and open to grazing.

Area in Square Miles.							
Province.	Closed to all animals.		Open to grazing.				Total area as shown in Statement No. I. (Col. 8.)
	Whole year.	Part of year.	Of all animals.		Of all animals except browsers (camels, sheep and goats).		
			Whole year.	Part of year.	Whole year.	Part of year.	
1	2	3	4	5	6	7	8
Bengal	6,234	...	4,223	...	126	...	10,583
United Provinces	1,966	68	2,336	13	821	42	5,252
Punjab	389	66	4,140	114	358	142	5,209
Burma	24,079	...	91	224	2,625	4,497	122,265
Federated Shan States	2,308	...	...	...	745	136	38,814
Bihar and Orissa	624	...	609	...	1,410	376	3,022
Assam	5,957	...	13,581	...	1,578	...	21,026
Central Provinces	2,346	257	3,666	21	13,333	5,718	19,606
Coorg	80	439	...	...	...	439	849
North-West Frontier Province	63	...	93	...	194	...	370
Ajmer	60	79	3	...	...	79	142
Baluchistan	171	...	83	23	...	36	783*
Andamans	52	...	...	...	353	...	2,189
Madras	1,823	219	10,841	41	3,215	9	16,215
Bombay	1,397	318	3,439	39	9,667	14	11,569
1932-33	47,552	1,441	43,055	475	34,430	11,494	201,219
1931-32	46,629	1,337	46,089	488	31,408	5,040	245,831
TOTAL 1930-31	45,177	1,223	47,294	487	31,256	5,695	249,710
1929-30	44,619	1,030	45,803	596	31,292	5,032	249,154
1928-29	44,809	1,070	45,747	670	31,533	5,607	249,822

* Note.—472 sq. miles of Unclassed Forests were open to grazing.

STATEMENT XI.
Protection from Cattle.

STATE
Protection

Province.	Grazed on payment, number of animals.									
	At full rates.					At privileged rates.				
	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.
1	2	3	4	5	6	7	8	9	10	11
Bengal	2,674	33,053	205	...	80	64	1,849	...	...	5
United Provinces	54,126	144,665	102,886	420	1,672	7,388	28,331	22,458	...	134
Punjab	8,891	13,053	409,977	31,116	99	245	5,813	451,289	...	137
Burma	3,674	23,957	...	...	3	...	...	...	...	...
Federated Shan States	2,115	506	...	...	298	...	...	...	...	...
Bihar and Orissa	3,008	15,507	988	...	1	5,668	12,082	...	...	...
Assam	8,908	4,354	443	...	105	251	921	...	...	...
Central Provinces	215,434	124,387	330,647	19	3,931	107,971	1,732,027	1,986	...	28
Coorg	231	2,719	...	...	2	...	...	...	...	...
North-West Frontier Province	2,175	2,533	30	...	31	...	...	...	...	...
Ajmer	721	6,021	...	...	...	3,924	16,993	...	...	...
Baluchistan	230	2,113	6,023	...	124	...	...	...	...	...
Madras	64,099	799,077	374,069	...	121	11,918	106,979	14,695	...	12
Ecumbay	21,359	52,379	62,489	535	7,283	209,508	940,396	404,303	...	4,802
Total 1932-33	387,649	1,624,324	1,287,707	25,090	13,756	313,980	2,845,991	894,731	...	5,118
„ 1931-32	371,213	1,602,721	1,458,798	42,656	11,693	851,465	2,904,143	798,971	...	4,311
„ 1930-31	428,016	1,085,282	1,812,687	25,642	12,260	340,659	2,788,560	949,521	103	2,885
„ 1929-30	506,117	2,272,384	2,031,360	45,878	15,104	423,243	3,099,178	875,240	18	4,528
„ 1928-29	501,532	2,171,060	2,075,638	24,870	12,669	412,658	3,112,907	969,533	180	3,696

MENT XI.

from cattle.

Grazed free, number of animals.										Total number of animals grazed.
By right under settlement.					During pleasure of Government or otherwise than under settlement.					
Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	
12	13	14	15	16	17	18	19	20	21	22
...	...	...	...	...	1,148	3,520	...	...	7	42,606
40,524	469,789	46,430	...	1,421	6,940	37,081	61,473	...	174	1,026,918
293,563	815,489	860,683	1,687	38,368	5,099	15,010	...	313	372	2,581,234
111,583	252,093	...	...	1,059	6,853	918	...	...	10,695	410,530
3,034	4,473	...	...	...	706	...	...	...	336	12,038
40,390	234,757	111,319	...	8	57	557	250	...	2	424,544
29	88	...	...	...	4,971	6,920	224	...	20	27,250
...	375	...	...	...	1,846	251,605	138	...	234	3,174,287
10	494	...	...	...	2,307	15,311	...	...	...	21,071
5,866	9,299	5,500	500	100	...	...	...	...	...	25,837
482	1,001	...	...	...	...	...	...	...	...	30,772
...	8,386	50,069	...	1,500	...	...	...	...	...	63,451
1,775	9,822	4,090	...	534	11,301	99,881	320	...	...	1,408,696
2,265	6,055	...	...	20	105,855	485,060	47,023	1,749	1,811	2,550,403
439,021	1,808,711	1,078,097	2,187	43,010	147,077	920,435	109,428	2,092	13,060	11,992,664
431,878	1,798,325	1,071,002	1,687	42,470	101,724	860,981	60,286	2,188	12,863	12,003,314
453,309	1,811,036	1,138,683	1,087	48,420	156,388	793,149	65,107	1,731	13,737	12,824,460
804,210	1,662,848	1,408,514	326	204,041	132,329	837,185	68,838	1,053	16,438	14,030,491
305,493	1,710,466	1,513,003	326	203,400	136,934	845,151	66,130	1,053	16,703	14,178,603

STATEMENT XII.

Progress in concentrated regeneration and afforestation:

Province, 1	Area regenerated during the year.		Area afforested during the year. 4	Total area. 5	Cost of regeneration and affores- tation during the year, includ- ing tend- ing. 6
	Mainly natural. 2	Mainly artificial. 3			
	Acres.	Acres.	Acres.	Acres.	Rs.
Bengal . . . . .	...	2,160	...	2,160	60,100
United Provinces	17,111	862	166	18,129	94,435
Punjab	1,512	1,287	1,828	4,627	3,84,314
Burma	3,722	3,165	...	6,887	1,52,751
Federated Shan States	106	371	...	477	18,628
Bihar and Orissa	51,894	81	28	51,803	16,073
Assam	806	13,899	...	14,705	31,853
Central Provinces	14,083	544	2	14,629	21,813
Coorg . . . . .	...	352	...	352	5,078
North-West Frontier Province	1,575	378	...	1,953	11,397
Ajmer . . . . .	...	11	...	11	108
Beluchistan . . . . .	...	79	0	85	1,040
Andamans	310	71	5	386	3,629
Madras	200	2,077	500	2,777	29,693
Bombay	47,903	8,064	...	55,967	70,257
Total 1932-33	139,022	23,401	2,525	174,948	9,00,578
" 1931-32	64,646	61,637	3,862	130,145	9,49,079

STATEMENT XIII.

Outturn of forest produce.

Province.	Average Outturn per Square Mile.															
	Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL.		Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL.	
	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.
Bengal	18,973,000	4,40,224	587,000	3,721	709,000	62,830	30,328,000	5,00,784	9,487	163	691	6	223	18	8,720	165
United Provinces	32,537,000	15,08,931	43,000	652	77,000	6,493	33,057,000	16,06,076	6,263	308	10,750	160	1,453	123	6,218	806
Punjab	(a) 10,076,000	(b) 4,47,768	17,081,000	10,45,900	3,091,000	2,83,656	32,018,000	17,76,324	7,118	290	5,320	326	8,630	612	6,153	341
Burma	42,753,000	3,48,323	...	...	44,914,000	2,71,017	87,667,000	0,32,340	1,356	11	...	...	405	3	717	5
Federated Shan States	1,456,000	16,839	...	...	1,270,000	55,541	2,735,000	72,430	450	5	...	...	36	2	70	3
Bihar and Orissa.	5,320,000	97,815	5,281,000	1,55,795	...	...	10,504,000	2,53,640	2,834	53	4,512	133	...	...	3,470	84
Assam	(c) 7,706,000	(c) 1,69,743	...	...	7,643,000	2,99,667	15,340,000	4,50,415	1,246	36	...	...	514	20	720	22
Central Provinces	32,369,000	21,09,845	...	...	...	...	32,369,000	21,09,845	1,050	108	...	...	...	...	1,050	108
Coorg	309,044	30,798	107,557	230	...	...	416,601	31,026	595	59	320	1	...	...	921	60
North-West Frontier Province.	(d) 3,844,000	40,436	53,000	3,500	...	...	3,807,000	52,036	15,090	202	505	83	...	...	11,134	153
Ajmer	549,800	49,364	...	...	...	...	549,800	49,364	3,672	347	...	...	...	...	3,672	347
Baluchistan	173,606	57,163	...	...	314,547	60	488,153	57,220	540	183	...	...	600	...	608	92
Andamans	...	...	...	...	3,545,569	7,760	3,545,569	7,760	...	...	...	...	1,610	4	1,019	4
Madras	(e) 22,884,000	(e) 14,63,638	...	(f) 78,809	...	...	22,884,000	15,72,307	1,463	96	...	139	...	...	1,411	97
Bombay	(a) & (g) 40,820,000	(a) 18,77,309	1,001,000	13,015	892,000	...	48,270,000	18,80,324	3,419	137	905	11	...	...	3,347	127
TOTAL 1932-33	220,500,450	87,77,470	24,210,557	13,01,182	62,021,110	9,89,043	313,707,120	1,10,67,710	2,134	83	3,358	160	420	7	1,201	43
" 1931-32	220,473,833	88,70,512	23,008,538	12,00,410	61,830,177	11,60,469	305,911,533	1,13,27,397	2,081	84	3,538	103	464	0	1,244	43
" 1930-31	190,580,140	94,77,604	48,851,011	12,30,411	83,420,778	18,78,849	322,862,829	1,25,80,854	1,709	88	7,600	196	615	14	1,203	50
" 1929-30	208,000,450	1,11,80,123	52,793,600	14,39,022	80,367,271	24,64,800	380,103,521	1,50,83,045	1,036	104	8,363	228	658	18	1,405	60
" 1928-29	223,243,560	1,04,07,130	54,547,858	14,77,342	86,008,058	32,03,638	304,180,585	1,51,78,316	2,100	97	8,695	234	739	23	1,437	60

(a) Includes leased forests.

(b) Rs. 21 on account of fruit culture.

(c) Reserved forests.

(d) Guvern forests.

(e) leased forests and unreserved lands.

(f) Represents reserved lands.

(g) Excludes Sandalwood = 180 tons scented wood and 5 tons unscented and rejected stuff.

STATEMENT XIV.

Forest produce removed by different agencies.

Part I.—Timber and Fuel.

PROVINCE.	Timber.					Fuel.				
	By Govern- ment.	By purchasers.	By free grantees.	By right holders.	TOTAL.	By Govern- ment.	By purchasers.	By free grantees.	By right holders.	TOTAL.
	1	2	3	4	5	6	7	8	9	10
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
Bengal	400,000	6,800,000	21,000	...	7,220,000	398,000	12,112,000	558,000	...	13,068,000
United Provinces	72,000	7,032,000	39,000	633,000	8,726,000	140,000	9,821,000	167,000	13,810,000	23,931,000
Punjab	506,000	3,053,000	68,000	1,033,000	4,700,000	1,251,000	1,816,000	453,000	23,819,000	27,339,000
Barma	4,131,000	25,600,000	100,000	510,000	30,123,000	261,000	52,267,000	741,000	3,073,000	57,245,000
Federated Shan States	22,000	2,500,000	17,000	53,000	2,551,000	2,000	311,000	...	63,000	351,000
Bihar and Orissa	98,000	1,003,000	17,000	210,000	2,228,000	78,000	3,376,000	18,000	4,707,000	8,278,000
Assam	380,000	6,533,000	500,000	...	7,413,000	80,000	3,307,000	4,470,000	7,000	7,864,000
Central Provinces	4,733,000	3,774,000	301,000	...	8,808,000	5,403,000	13,772,000	1,105,000	118,000	23,481,000
Coorg	136,837	60,378	650	...	207,121	102,450	107,000	...	...	209,450
North-West Frontier Province	333,000	1,678,000	6,000	5,000	1,922,000	180,000	253,000	1,218,000	315,000	1,976,000
Ajmer . . . . .	...	2,782	273	...	3,055	251,812	304,929	...	...	546,741
Baluchistan	954	1,100	601	...	3,045	20,304	15,124	680	...	496,108
Andamans	2,257,071	37,013	49,103	25,100	2,307,347	767,543	16,000	205,400	112,280	1,178,222
Madras	1,010,000	1,612,000	160,000	44,000	2,826,000	1,091,000	15,793,000	158,000	11,000	20,058,000
Bombay	1,147,000	5,706,000	100,000	301,000	7,350,000	724,000	31,933,000	19,000	8,233,000	40,920,000
Total 1932-33	16,105,912	66,816,373	1,607,193	3,109,100	83,727,578	13,788,138	119,747,053	9,251,080	55,103,280	226,979,551
" 1931-32	14,845,803	61,430,578	1,040,007	3,074,067	80,530,503	13,103,161	160,631,558	7,382,130	54,117,683	225,314,755
" 1930-31	17,060,863	75,018,540	1,378,673	3,806,613	80,133,000	15,591,251	140,014,124	7,970,430	63,243,280	223,719,136
" 1929-30	21,412,337	87,240,010	1,630,360	3,042,100	91,140,820	10,210,043	164,444,553	9,835,580	53,021,040	235,022,006
" 1928-29	20,097,720	88,943,764	1,633,950	4,170,132	94,850,006	23,706,028	163,570,552	8,302,240	52,878,700	235,189,530

STATEMENT XIV—*contd.*Forest produce removed by different agencies—*contd.*

Part II.—Value of minor forest produce.

Province.	Bamboos.					Grazing and Fodder Grass.					Other Minor produce.					
	By Government.	By purchasers.	By free grantees.	By right holders.	Total.	By Government.	By purchasers.	By free grantees.	By right holders.	Total.	By Government.	By purchasers.	By free grantees.	By right holders.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	438	1,07,881	584	...	1,09,003	...	35,310	44,601	...	79,914	6,825	2,48,697	2,345	...	2,57,867	
United Provinces .	307	1,30,376	6	7,400	1,37,907	3,132	1,04,160	12,768	3,30,170	5,49,210	4,87,605	3,79,633	43	54,723	0,31,803	
Punjab	12,739	3,493	...	330	16,556	6	1,32,814	46,100	13,70,638	15,00,000	1,49,861	27,421	41	22,365	1,09,700	
Burma	557	2,48,044	1,030	10,703	2,61,633	41	14,028	53,041	96,801	1,61,671	7,027	1,58,009	101	29,499	1,93,136	
Federated States. Shan	...	3,728	...	600	4,307	...	2,230	5,554	3,763	11,543	1	55,476	0	1,007	56,483	
Bihar and Orissa .	2,233	51,853	707	4,043	59,436	...	8,291	5,421	1,33,329	1,40,040	814	43,945	60	6,837	49,105	
Assam	70	50,970	10,512	...	67,858	...	26,628	16,800	110	45,343	7,780	2,23,051	1,15,877	...	3,40,214	
Central Provinces .	15,602	2,31,500	8,902	...	3,19,484	1,347	13,72,873	1,71,081	374	15,45,776	14,177	2,07,068	20,341	3,400	2,44,566	
Coorg	320	1,070	123	...	2,123	...	561	...	127	984	...	27,016	...	...	27,016	
North-West Frontier Province.	...	...	...	...	...	...	6,210	65	6,167	15,409	36,203	1,045	...	100	87,433	
Ajmer . . . .	...	832	...	...	832	1,080	10,161	1,553	25,132	44,829	681	8,022	...	...	3,733	
Baluchistan . . .	...	...	...	...	...	...	1,300	190	53,410	55,005	879	1,971	471	...	3,321	
Andamans . . . .	...	18	1,078	230	1,326	...	...	...	...	...	...	2,072	3,601	210	6,413	
Madras	7,461	8,73,032	1,605	301	8,83,299	176	5,00,040	23,870	6,770	5,21,445	13,806	5,61,518	1,501	630	5,67,473	
Bombay	56	1,64,806	1,404	10,070	2,05,744	...	6,00,177	20,110	8,35,277	15,23,678	6,095	1,11,508	2,097	38,604	1,59,007	
TOTAL 1912-13	30,772	14,69,013	26,946	74,444	15,39,675	5,684	30,61,851	4,15,060	28,70,163	63,62,809	7,52,803	20,40,855	1,45,050	1,57,013	30,75,320	
1913-14	30,814	18,60,054	20,873	75,070	15,30,920	6,609	20,54,700	3,76,100	20,01,680	63,70,375	7,94,508	21,08,808	1,70,145	1,81,043	31,70,102	
1914-15	54,105	14,35,886	22,103	78,038	15,70,781	14,206	22,87,001	4,07,845	32,20,547	69,00,580	11,28,126	25,55,705	2,41,101	1,81,542	41,06,484	
1915-16	52,502	10,63,051	20,337	83,751	16,29,761	5,114	34,01,407	3,07,111	34,18,050	72,55,381	11,30,408	30,36,376	2,08,140	1,62,677	50,05,810	
1916-17	65,663	17,16,281	31,135	67,712	17,01,081	6,600	36,07,577	3,77,003	37,12,754	77,01,200	11,36,019	30,48,251	2,97,643	2,21,640	56,87,359	

STATEMENT XV.

Exports of forest produce.

Articles of forest produce.	Quantity in tons of 20 cwt. (in the case of teak and other timbers, cubic tons).		Valuation at port of shipment in 1932-33.	
	Average of 5 years 1927-28 to 1931-32.	In 1932-33.	Total.	Per ton.
1	2	3	4	5
Caoutchouc, raw	10,208	3,062	Rs. 8,78,331	Rs. 285
Button	1,088	872	6,84,406	785
Lao	20,968	13,067	83,38,484	637
Shell				
Stick, seed and other kinds	7,612	6,957	34,60,875	469
Cutch and gambier	2,206	1,453	3,07,512	212
Myrabolams	69,682	51,646	54,30,452	105
Cardamums	467	418	14,50,729	3,471
Sandal	878	421	6,40,717	1,522
Teak	43,587	17,348	40,18,093	232
Other kinds of wood and timber * . . . . .	...	...	9,59,142	...
TOTAL 1932-33 . . . . .	...	...	2,61,08,771	...
" 1931-32 . . . . .	...	...	3,69,72,688	...
" 1930-31 . . . . .	...	...	6,91,67,627	...
" 1929-30 . . . . .	...	...	11,66,51,584	...
" 1928-29 . . . . .	...	...	18,49,23,946	...

* Quantity not recorded.

STATEMENT XV (a).

Year (calendar).	Imports of timber into British India.		Imports of sleepers of wood for railways into British India.	
	Cubic tons.	Rs.	Tons.	Rs.
1929	26,544	31,88,922	8	1,236
1930	20,413	36,03,907	...	...
1931	17,943	20,81,273	...	...
1932	12,218	11,37,996	...	...
1933	18,475	15,74,950	...	612

STATEMENT XVI.

Estimated value of forest produce given away free or at reduced rates.

Province.	Timber.	Fuel.	Bamboos.	Grass and grazing.	Other minor produce.	Total.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	3,046	13,535	584	50,660	2,345	70,170
United Provinces	93,909	1,25,848	7,411	3,18,934	51,765	6,30,060
Punjab	63,352	10,39,661	...	...	11,50,506	25,52,519
Burma	42,925	11,720	1,636	53,641	301	1,10,083
Federated Shan States	3,726	...	...	5,551	6	9,286
Bihar and Orissa	23,821	50,966	5,418	1,37,749	6,406	2,21,393
Assam	35,752	20,090	10,812	19,885	1,15,377	2,01,916
Central Provinces	34,189	56,200	8,092	13,74,727	20,260	14,04,369
Coorg	329	...	123	4,745	...	5,197
North-West Frontier Province	1,845	43,026	...	9,282	100	51,253
Ajmer	105	...	...	26,760	...	23,865
Baluchistan	122	46	...	53,600	470	54,247
Andamans	5,482	3,518	1,303	...	3,771	14,074
Madras	38,638	11,751	1,896	54,776	2,150	1,09,411
Bombay	1,01,513	1,65,360	51,850	8,65,396	40,701	12,21,380
TOTAL 1932-33	4,49,187	15,41,716	89,593	30,05,718	16,96,958	67,82,122
„ 1931-32	4,20,591	14,85,400	88,026	24,74,011	17,46,255	62,14,896
„ 1930-31	5,34,058	14,00,101	1,06,631	26,88,041	18,40,752	66,09,590
„ 1929-30	5,33,055	12,75,035	1,35,492	23,87,166	24,53,193	65,34,051
„ 1928-29	5,65,802	12,71,552	1,36,368	22,00,938	21,53,827	60,58,503

STATEMENT XVII.

Details of revenue and expenditure for the financial year 1932-33.
(Excluding Burma and Federated Shan States.)

		Rs.	Percentage of each item to total.
Gross Receipts	(a) Wood	1,90,60,823	67.6
	(b) Minor forest produce	36,24,311	12.8
	(c) Forest stamps and Commutation fees for forest produce	93,282	0.4
	(d) Grazing	30,31,699	10.8
	(e) Revenue from forests not managed by Government	1,26,081	0.5
	(f) Miscellaneous	22,26,932	7.9
	Total Revenue	2,81,68,161	—
Expenditure	A Recurring	(i) Superior Staff	
		(ii) Subordinate Staff (including Rangers, Foresters and Guards).	1,17,63,691
		(iii) Office Establishments (including Contingencies).	59.3
		(1) Extraction	51,58,889
		(2) Roads and Buildings	10,19,030
		(3) Fire protection	2,28,859
		(4) Cultural operations	5,12,000
		(5) Live-stock, stores and plant	3,41,317
		(6) Working-Plans	41,870
		(7) Rent for leased forests	2,17,983
		(8) Miscellaneous	3,85,856
		(c) Expenditure on realization of revenue from forests not managed by Government.	11,616
		(d) Forest Science and Education (including all "A" and "B" charges of Forest College and Research Institute).*	1,56,929
		Total	1,93,39,000
			—
B Extraordinary	(e) Forest Settlement	15,648	0.7
	(f) Forest Survey	300	0.01
	(g) Forest Demarcation	29,424	1.5
	(h) Gain or loss by Exchange on English transactions, interest on capital outlay, etc.	7,91,952	37.9
	(i) Share of Capital charges transferred to B-A	12,52,813	59.8
	Total	20,93,167	—
GRAND TOTAL OF EXPENDITURE		2,19,32,167	—
Net Revenue		62,35,994	—
(Excluding Burma and Federated Shan States.)			

* Expenditure under this head in provinces has been included in Administration.

STATEMENT XVII(a).

Details of revenue and expenditure for the financial year 1932-33.

(Burma and Federated Shan States only.)

			Rs.	Percentage of each item to total.
Gross Receipts	(a) Wood		80,65,103	87.3
	(b) Minor forest produce		4,66,951	5.0
	(c) Grazing		17,942	0.2
	(d) Revenue from forests not managed by Government		1,48,073	1.6
	(e) Miscellaneous		5,44,790	5.9
	Total Revenue		92,42,859	...
Expenditure	A Recurring	(a) Administration.	(i) Superior Staff	
			(ii) Subordinate Staff (including Rangers, Foresters and Guards).	46,23,791
			(iii) Office Establishments + (including Contingencies).	70.7
		(b) Working	(1) Extraction	1,96,031
			(2) Roads and Buildings	3.0
			(3) Fire protection	233,215
			(4) Live-stock, stores and plant	8.6
			(5) Working Plans, revision and maintenance.	27,703
			(6) Maintenance of boundaries	0.1
			(7) Regeneration and improvement	1,62,285
			(8) Silvicultural Research	2.5
			(9) Utilisation Research . . . . .	...
			(10) Other Works	18,078
			(11) Miscellaneous	0.2
			(12) Losses of Government commercial undertakings.	1,36,804
		Total	2,705	2.1
		Total	34,211	0.5
		Total	2,22,710	3.4
		Total	8,89,983	13.6
		Total	65,42,586	...
	B Extraordinary	(c) Forest Survey	1,678	0.5
		(d) Gain or loss by Exchange on English transactions, interest on capital outlay, etc.	3,00,065	93.3
		(e) Share of capital charges transferred to B-A	20,056	0.2
		Total	3,21,799	...
	GRAND TOTAL OF EXPENDITURE		68,64,385	...
	Net Revenue		23,78,474	...

(Burma and Federated Shan States only.)

Summary of revenue and expenditure of the

Budget Heads.	Imperial.	Bengal.	United Provinces.	Punjab.	Barma (includes Federated Shan States and backward tracts).	Bihar and Orissa (includes Angul Division).	Assam.
1	2	3	4	5	6	7	8
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
REVENUE.							
I.—Timber and other produce removed from the forests by Government agency.	...	2,18,587	5,55,318	12,36,995	11,95,036	5,363	1,94,759
II.—Timber and other produce removed from the forests by consumers or purchasers.	...	11,73,317	37,02,890	3,99,031	73,51,960	5,81,493	12,69,551
III.—Drift and waif wood and confiscated forest produce	...	12,687	3,263	47,108	1,92,663	247	16,697
IV.—Revenue from forests not managed by Government.	...	...	26,497	2,390	1,48,073	...	34,195
V.—Miscellaneous . . . . .	...	1,21,786	8,07,616	2,69,312	3,52,127	87,337	99,173
Deduct—Refunds . . . . .	...	—14,660	...	—2,916	...	—5,587	...
TOTAL REVENUE	...	15,11,717	45,95,584	19,52,000	92,42,859	6,18,653	16,16,405
EXPENDITURE.							
A.—CONSERVANCY, MAINTENANCE AND REGENERATION.							
I.—Timber and other produce removed from the forests by Government Agency.	...	1,17,995	3,33,269	4,20,396	50,071	2,751	1,05,805
II.—Timber and other produce removed from the forests by consumers or purchasers.	...	1,82,840	1,36,558	2,134	1,05,892	19,809	2,07,268
III.—Drift and waif wood and confiscated forest produce.	...	...	519	12,173	40,068	28	692
IV.—Revenue from forests not managed by Government.	...	...	11,616	...	835	...	...
V.—Rent of leased forests and payments to shareholders in forests managed by Government.	...	...	6,417	1,10,880	...	...	14,393
VI.—Live-stock, stores, tools and plant . .	...	...	49,337	5,503	1,62,285	2,925	21,912
VII.—Communications and buildings . .	...	1,23,711	1,98,064	50,132	2,33,245	67,978	74,660
VIII.—Demarcation, improvements and extension of forests.	...	99,686	2,33,236	90,927	2,14,561	25,485	30,407
IX.—Miscellaneous . . . . .	...	18,925	7,910	—24 022	11,11,836	10,720	37,291
Work Advances . . . . .	...	—41	...	...	..	...	...
Total A.—Conservancy, Maintenance and Regeneration.	...	5,48,117	9,76,976	6,63,123	19,18,795	1,29,896	4,97,910
B.—ESTABLISHMENTS.							
Total B.—Establishments (includes salaries, travelling and other allowances and contingencies).	45,019	8,35,402	15,45,202 ^(a)	9,76,728	46,23,791	4,39,688	7,88,085
C.—Total gain or loss by exchange on English transactions, interest on capital outlay, etc.	...	64,291	75,085 ^(b)	1,66,212	3,00,065	47,210	79,610
D.—Total share of Capital charges transferred to S-A (i.e., Capital charges met from Revenue).	...	60,803	6,716	3,98,077	21,734	15,199	44,582
E.—Total Capital Outlay under S-A (i.e., not transferred to S-A).	...	...	...	...	...	...	9,151
GRAND TOTAL OF EXPENDITURE (Excluding expenditure under E.)	45,019	15,08,613	26,03,979	22,09,140	68,61,855	6,31,793	14,10,217
SURPLUS (Excluding expenditure under E.)	...	3,104	19,91,605	...	23,78,474	...	2,06,188
DEFICIT	45,019	...	...	2,37,140	...	12,940	...
Proportion of surplus to gross revenue	...	0.2	13	...	25	...	13
Net revenue per square mile of forest area under control of Forest Department.	...	0.3	379	...	14	...	10

(a) Includes figures of General Direction Division.

(b) In U. P. this item is not taken into account in calculating the surplus of the Department.

MENT XVIII.

Forest Department in India for the financial year 1932-33.

Central Provinces and Berar.	Coorg.	North-West Frontier Province.	Ajmer.	Baluchistan.	Andamans.	Forest College and Research Institute.	Madras.	Bombay.	Total.
9	10	11	12	13	14	15	16	17	18
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
13,61,482	2,66,918	6,07,672	42,339	4,220	15,71,609	...	19,66,771	19,33,312	1,11,49,464
26,01,859	81,671	90,572	38,076	6,526	4,884	...	23,58,982	86,20,817	2,33,47,189
1,478	...	7,652	...	8	...	...	8,632	3,039	2,95,444
3,375	13,140	6,888	...	8,875	...	...	...	25,405	2,67,938
2,42,464	23,554	18,771	9,110	5,986	45,800	58,960	4,31,441	3,09,853	21,26,321
...	...	-948	...	...	-164	...	-30,630	-20,363	-75,253
42,90,168	3,73,823	7,39,710	90,425	25,615	16,32,129	58,960	47,38,169	59,71,163	3,71,11,020
5,30,031	44,989	3,30,122	21,391	1,316	10,16,110	...	4,37,621	8,70,985	42,85,718
1,65,112	...	1,260	503	299	660	...	1,75,483	57,855	10,55,673
110	...	7,670	...	...	...	...	...	...	61,260
...	...	...	...	...	...	...	...	...	12,451
28,784	...	19,679	...	...	...	...	...	36,563	2,16,714
22,915	10,022	21,675	407	99	61,511	...	103,117	5,521	1,69,241
1,73,481	7,900	33,101	8,673	469	2,993	...	1,61,167	1,21,052	12,61,651
1,43,318	29,388	15,292	2,085	1,153	12,459	...	1,29,031	1,11,225	11,14,811
38,332	1,361	2,829	6,529	315	3,315	...	31,500	15,981	12,09,281
...	...	-186	...	...	...	...	...	...	-237
11,03,119	93,660	4,33,115	42,501	3,714	10,97,413	...	10,38,315	12,51,199	93,02,073
19,30,953	97,171	1,81,478	81,475	28,655	1,70,892	5,99,458	27,76,251	21,37,435	1,72,07,191
2,15,272	...	22,352	900	...	...	...	...	1,21,152	10,95,209
23,953	8,261	-18,463	167	...	42,058	3,120	6,43,441	1,10,393	19,60,941
12,065	...	...	87	...	...	...	-6,68,362	...	() - 6,17,560
32,72,297	1,02,098	6,15,792	75,159	32,569	13,10,763	6,02,578	37,59,150	39,21,202	2,87,97,551
10,17,871	1,35,225	1,20,915	15,272	...	3,11,306	...	9,49,019	21,47,597	86,11,768
...	...	...	...	6,751	...	5,19,618	...	...	...
24	41	16	17	...	19	...	20	39	23
57	163	315	168	...	149	...	59	487	31

(c) Not included in grand total of Expenditure.

STATE

Revenue of the Forest Department throughout India for the 34 financial years

(I) REVE

Province.	Average of 1869-70 to 1873-74.	Average of 1874-75 to 1878-79.	Average of 1879-80 to 1883-84.	Average of 1884-85 to 1888-89.	Average of 1889-90 to 1893-91.	Average of 1894-95 to 1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial	2,175	31,717	25,429	10,866	5,147	9,688	6,090	2,463	3,484	3,659	7,455	3,768
Bengal*	1,64,368	2,89,772	6,06,578	6,31,384	7,66,431	10,49,364	11,38,910	12,33,339	12,92,237	12,56,247	10,65,523	11,67,472
United Provinces	12,59,970	12,21,650	11,34,615	14,63,525	16,69,100	15,31,821	16,14,740	15,65,463	17,15,508	20,25,324	20,60,416	23,97,318
Punjab	6,67,425	7,05,555	7,87,388	9,11,950	9,00,417	11,69,510	14,00,770	13,50,842	14,47,558	15,66,408	17,17,797	18,74,443
Burma	6,94,298	14,29,175	19,68,356	25,01,318	49,78,654	66,15,542	78,12,050	80,54,444	58,73,938	67,39,053	62,68,535	69,50,756
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam† . . . . .	...	1,01,098	1,91,887	2,32,055	3,82,750	4,15,912	5,68,100	5,49,521	5,12,963	5,80,200	6,75,732	8,15,677
Central Provinces and Berar	7,41,879	9,79,936	12,61,992	14,11,163	16,93,505	13,75,958	12,97,490	12,65,614	15,79,116	16,84,425	19,98,082	20,13,459
Coorg	92,491	78,887	1,03,170	1,13,024	1,53,136	1,33,456	1,62,410	1,37,596	1,70,242	1,90,730	2,24,031	1,93,037
North-West Frontier Province . . . . .	...	...	...	...	...	...	...	...	13,012	1,01,123	1,01,833	90,991
Ajmer	65	1,152	4,475	11,859	15,233	14,162	10,270	10,616	6,865	9,736	13,884	17,297
Baluchistan . . . . .	...	...	8,556	10,973	17,998	15,330	17,060	16,956	14,712	19,336	18,363	22,555
Andamans	5,467	4,485	34,840	57,633	2,79,028	2,51,438	2,60,600	2,77,886	2,66,903	3,26,035	4,32,391	6,20,796
Forest College and Research Institute . . . . .	...	...	...	397	1,636	3,040	3,210	3,697	3,545	3,252	3,038	3,557
Forest Surveys (Imperial) . . . . .	...	17	139	206	668	300	420	327	473	3,034	431	...
Madras	6,03,243	5,88,389	8,06,020	13,00,481	17,14,328	31,10,968	23,02,290	23,40,170	25,43,430	26,18,819	26,57,727	25,29,216
Bombay	11,77,673	12,23,561	18,93,818	30,11,314	33,54,893	30,46,214	24,15,200	29,61,529	23,79,720	23,29,156	27,51,539	30,20,558
GRAND TOTAL	56,30,061	66,60,397	88,17,213	1,16,68,148	1,59,49,014	1,77,15,756	1,90,09,610	1,97,70,493	1,78,23,715	1,94,71,540	2,22,16,747	2,40,29,950

Province.	1917-18.	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.	1923-24.	1924-25.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial	51,720	27,488	21,527	37,122	27,803	26,553	29,551	30,100
Bengal	13,76,969	19,44,104	20,51,237	21,84,763	18,98,939	23,11,226	22,61,515	24,73,529
United Provinces	61,16,607	66,87,166	74,71,951	87,79,781	86,46,677	83,72,803	73,56,029	69,21,987
Punjab	21,17,776	21,54,178	38,45,878	38,05,058	49,91,178	34,44,443	43,86,533	37,27,312
Burma	1,23,61,499	1,25,28,852	1,64,35,262	1,69,75,060	2,21,16,767	1,89,43,952	1,94,92,399	1,96,77,824
Bihar and Orissa	7,53,625	9,44,763	8,17,458	8,10,602	9,00,373	8,81,904	10,29,085	10,70,263
Assam	13,09,956	14,92,718	14,51,590	15,31,944	12,97,027	17,13,853	19,74,292	21,78,756
Central Provinces and Berar	34,66,493	34,88,422	45,46,723	43,94,526	41,33,693	47,06,979	51,04,929	52,32,632
Coorg	4,58,673	6,77,873	9,48,028	4,27,951	7,33,731	9,43,653	7,00,947	6,66,030
North-West Frontier Province	3,37,711	3,61,322	4,62,541	2,19,779	5,74,653	7,27,639	5,33,832	6,69,767
Ajmer	27,733	37,280	84,914	48,112	40,812	43,978	55,422	66,062
Baluchistan	17,324	25,108	17,637	22,644	17,229	14,329	22,409	20,593
Andamans	7,93,656	11,84,383	8,00,795	6,24,374	5,50,098	5,88,027	6,11,382	7,25,797
Forest College and Research Institute	8,304	9,683	8,305	12,648	24,117	1,84,763	1,67,339	1,02,579
Forest Surveys (Imperial) . . . . .	...	...	...	...	...	...	...	...
Madras	54,58,480	47,01,460	62,34,149	59,81,216	48,69,171	52,72,956	54,15,557	55,69,682
Bombay	63,12,022	1,04,91,031	84,91,438	68,98,585	74,93,563	70,37,384	71,49,604	73,07,964
GRAND TOTAL	4,09,69,257	4,68,18,231	5,86,75,739	5,41,43,495	5,87,16,071	5,62,14,072	5,62,90,319	5,67,44,682

* Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
† Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred
(a) Includes Federated Shan States.

MENT XIX.

from 1899-1900 to 1932-33 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

NUE.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
7,255	...	7,666	8,189	10,632	8,662	10,680	12,837	11,471	12,047	23,457	24,516	Imperial.
11,18,542	10,65,859	11,07,050	11,81,815	10,80,610	11,67,444	11,22,442	16,00,601	15,16,111	13,01,496	11,45,610	13,38,779	Bengal.*
24,33,428	25,02,601	21,09,745	21,75,406	23,01,164	23,78,439	30,10,160	35,43,063	37,12,487	31,35,285	37,33,831	50,40,932	United Provinces.
17,81,653	16,05,284	14,57,410	12,88,702	10,32,633	12,17,958	13,10,077	12,39,033	13,51,013	14,38,005	17,27,288	10,57,801	Punjab.
1,08,29,860	98,12,519	86,63,889	91,92,032	93,58,077	1,00,70,117	99,67,594	1,09,22,303	1,14,25,430	97,07,694	96,99,217	1,23,79,531	Burma.
...	...	...	...	...	...	4,07,213	4,38,058	4,91,735	5,49,779	5,17,727	5,29,081	Bihar and Orissa.
11,06,096	13,20,502	14,30,417	14,46,368	15,54,732	18,00,635	11,46,320	11,42,091	10,97,969	8,32,877	10,55,052	11,45,621	Assam.†
24,49,131	21,01,159	22,90,128	20,78,162	20,78,310	21,14,226	25,49,854	31,71,815	31,86,453	32,72,529	32,78,202	33,71,578	Central Provinces and Berar.
2,45,419	2,35,000	2,74,756	2,24,330	2,13,129	2,78,056	2,95,170	2,81,652	3,29,227	1,09,237	4,49,155	4,87,314	Coorg.
1,28,529	1,83,214	2,83,490	1,22,782	1,73,305	2,05,342	1,59,171	2,37,183	2,66,741	2,38,013	1,68,815	2,40,936	North-West Frontier Province.
15,002	16,335	29,864	27,615	23,990	33,846	26,361	86,596	33,697	31,170	23,445	21,272	Ajmer.
21,481	21,195	24,829	23,805	18,729	23,212	29,117	20,159	19,958	19,058	21,635	19,277	Baluchistan.
5,82,511	6,07,027	2,19,822	2,02,018	2,59,477	4,16,773	5,22,160	4,49,923	4,45,511	3,39,248	4,34,784	6,49,711	Andamans.
3,050	4,579	6,137	4,650	4,909	4,080	5,550	7,611	5,806	8,617	6,995	8,190	Forest College and Research Institute.
...	...	...	...	...	...	...	...	...	...	...	...	Forest Surveys (Imperial).
29,67,601	32,00,689	38,93,830	35,90,919	41,78,381	38,50,411	41,63,921	41,12,473	43,00,820	39,41,537	41,06,634	45,96,126	Madras.
38,81,093	34,22,431	36,46,177	35,87,356	37,57,656	37,18,224	43,30,569	49,92,519	51,03,156	46,80,242	47,01,233	55,19,177	Bombay.
2,66,74,593	2,61,91,486	2,55,62,979	2,54,56,799	2,60,25,791	2,74,05,451	2,90,57,359	3,22,09,609	3,33,01,515	2,97,09,784	3,11,16,367	3,70,61,939	GRAND TOTAL.

1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	1931-32.	1932-33.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
...	...	...	...	...	...	...	...	Imperial.
28,56,420	31,22,841	23,49,480	31,18,357	30,52,076	23,12,049	16,91,479	15,11,717	Bengal.
61,26,281	58,71,308	72,01,183	61,80,391	61,79,638	49,76,118	45,28,923	45,95,584	United Provinces.
41,12,076	39,07,731	31,01,217	35,23,025	31,57,771	23,61,803	22,41,209	19,52,000	Punjab.
(a) 2,23,46,518	(a) 2,35,91,060	(a) 2,21,07,608	(a) 1,81,00,113	(a) 2,03,66,194	(a) 1,56,68,850	(a) 1,13,96,010	(a) 92,43,859	Burma.
10,28,592	9,43,752	9,39,760	10,97,101	9,39,275	8,11,407	6,28,013	6,18,857	Bihar and Orissa.
30,30,140	31,33,473	36,13,460	37,67,873	35,20,008	22,63,077	19,27,078	16,16,405	Assam.
49,87,409	53,21,376	50,78,109	51,46,316	59,97,508	61,11,894	41,47,111	42,80,168	Central Provinces and Berar.
5,38,518	4,58,145	4,93,372	5,25,636	5,72,031	8,00,073	4,85,821	3,97,323	Coorg.
7,41,207	7,91,166	7,56,700	8,29,377	8,61,377	8,03,902	7,31,285	7,39,710	North-West Frontier Province.
72,750	66,934	70,515	87,924	93,603	95,273	67,587	90,425	Ajmer.
23,621	27,942	29,867	23,425	29,300	29,277	27,870	25,615	Baluchistan.
8,91,029	11,70,563	14,18,062	15,00,705	20,06,813	19,37,596	14,51,463	16,22,129	Andamans.
1,05,097	2,74,025	1,16,167	1,06,001	1,03,866	90,605	29,093	58,960	Forest College and Research Institute. Forest Surveys (Imperial).
...	
51,70,520	58,23,700	53,44,431	61,51,773	61,64,825	52,69,067	42,51,871	47,38,169	Madras.
75,23,038	70,56,420	72,94,094	73,43,085	79,74,964	52,23,753	56,73,847	59,71,103	Bombay.
5,99,70,825	6,19,04,731	5,13,09,136	5,78,09,143	6,19,22,361	4,72,58,859	3,96,07,777	3,71,11,020	GRAND TOTAL.

* Orissa.
to Bengal.

(b) Excludes Rs. 32,157 deducted on account of Refunds.

STATE

Expenditure of the Forest Department throughout India for the 34 financial years

(II) EXPEN

Province.	Average of 1869-70 to 1873-74.	Average of 1874-75 to 1878-79.	Average of 1879-80 to 1883-84.	Average of 1884-85 to 1888-89.	Average of 1889-90 to 1893-94.	Average of 1894-95 to 1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	63,685	67,102	80,454	87,185	84,125	82,816	96,550	83,578	79,589	85,017	89,345	83,058
Bengal†	1,11,084	2,12,024	3,55,147	3,94,317	4,04,147	5,38,652	5,45,210	5,70,806	6,57,131	6,38,014	7,02,508	6,88,569
United Provinces	9,63,005	8,39,709	8,38,658	9,17,898	9,46,428	9,35,078	9,42,380	9,63,489	10,08,739	10,13,908	10,81,438	13,01,583
Punjab	8,29,826	5,57,148	5,41,242	6,44,372	6,46,374	7,50,224	12,11,460	8,87,343	9,38,335	9,60,095	11,56,415	10,12,854
Burma	4,02,847	8,12,279	10,12,512	13,23,124	16,72,383	21,20,642	24,47,440	28,54,717	26,46,457	28,90,263	33,52,404	34,46,924
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam‡ . . . . .	...	88,293	1,62,460	2,11,655	2,68,159	2,86,870	8,57,140	8,47,972	8,29,112	8,27,498	4,25,494	5,03,656
Central Provinces and Berar	3,99,072	4,39,784	6,13,539	7,37,805	10,10,657	11,78,660	12,75,820	11,65,866	12,00,904	12,57,268	12,80,966	13,20,615
Coorg	40,651	36,591	62,248	73,907	77,016	62,146	74,220	70,905	82,333	89,437	92,191	83,620
North-West Frontier Province . . . . .	...	...	...	...	...	...	...	...	19,510	54,086	60,603	74,958
Ajmer	6,197	18,692	13,197	17,620	14,061	16,722	15,350	16,782	15,927	16,377	16,680	15,641
Baluchistan . . . . .	...	...	12,594	16,180	39,452	33,508	28,680	29,254	24,180	23,240	21,697	24,672
Andamans	739	481	5,129	41,108	1,76,139	1,65,428	1,40,940	1,40,187	2,04,667	2,81,702	2,66,121	3,42,431
Forest College and Research Institute . . . . .	...	...	...	28,746	45,023	65,120	73,550	71,238	76,290	66,338	59,339	61,424
Forest Surveys (Imperial)	11,911	63,288	40,447	24,477	24,491	31,936	33,980	33,991	33,780	33,935	33,935	23,229
Madras	4,56,834	5,76,976	6,20,660	10,67,521	12,85,113	15,06,756	16,53,630	17,15,431	17,09,554	18,35,552	17,50,930	19,86,098
Bombay	6,48,046	8,70,457	12,51,292	18,41,812	19,09,789	19,51,583	21,28,430	24,08,581	17,19,680	16,76,441	17,75,937	19,03,804
GRAND TOTAL	39,33,430	45,76,804	56,09,570	74,26,956	86,03,352	97,96,140	1,10,24,630	1,11,60,010	1,07,46,889	1,12,49,331	1,21,66,993	1,29,67,856

Province.	1917-18.	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.	1923-24.	1924-25.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	90,323	1,10,638	1,32,777	1,05,993	2,57,011	4,33,494	1,44,489	1,68,595
Bengal	7,38,712	8,25,835	9,72,307	18,36,750	12,88,122	12,81,249	12,42,672	14,17,471
United Provinces	82,04,928	45,98,063	61,55,475	70,43,578	74,04,638	61,58,486	49,50,695	36,84,005
Punjab	11,58,048	17,95,804	24,16,120	35,75,749	43,76,076	49,06,871	29,16,035	26,14,468
Burma	54,87,179	56,91,082	65,38,200	73,07,014	90,83,094	99,72,119	1,03,02,159	96,28,313
Bihar and Orissa	3,90,716	4,30,849	5,06,800	5,89,118	9,94,665	7,17,531	7,50,657	7,00,397
Assam	6,86,627	6,90,961	8,21,717	9,06,601	9,91,511	11,14,634	11,59,645	13,30,853
Central Provinces and Berar	18,72,124	20,15,549	23,76,230	27,33,601	27,15,521	30,34,417	30,41,108	31,71,868
Coorg	1,99,911	4,25,572	5,07,547	4,66,738	6,30,645	5,86,007	5,65,598	3,53,751
North-West Frontier Province	1,53,875	2,07,857	3,01,453	4,54,197	7,49,384	6,12,388	4,58,567	5,88,713
Ajmer	26,501	28,508	47,282	37,417	41,820	39,840	49,454	49,125
Baluchistan	29,990	28,787	25,814	28,761	53,275	36,168	31,440	30,478
Andamans	3,97,724	6,12,826	9,71,491	18,27,330	32,87,027	8,05,184	8,96,214	11,53,690
Forest College and Research Institute	2,89,694	2,98,048	3,18,503	4,57,454	7,32,824	7,39,586	7,75,642	8,26,365
Forest Surveys (Imperial)	56,597	59,110	59,953	90,448	1,07,118	1,19,935	95,944	...
Madras	30,20,349	31,82,520	36,93,348	45,30,486	51,15,356	47,89,463	46,83,626	50,72,459
Bombay	33,33,714	78,72,197	59,18,682	59,05,022	50,23,946	40,14,344	44,01,024	43,82,317
GRAND TOTAL	2,11,57,063	2,88,75,505	3,17,63,199	3,54,19,907	4,08,51,878	3,58,15,041	3,58,15,369	3,52,67,883

* Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests.
† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
‡ Includes figures up to 1910-11 for Eastern Bengal districts) subsequently transferred
(a) Includes Federated Shan States.
(b) Includes Rs. 1,25,587 on account of Chongtu Timber Operations.

MENT XIX—contd.

from 1899-1900 to 1932-33 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

DITURE.

1903-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
83,767	95,472	1,00,204	1,04,163	1,04,332	92,606	91,714	1,04,162	99,296	99,478	1,09,502	1,03,248	Imperial.*
5,93,509	6,33,386	7,18,391	5,83,981	5,91,099	6,43,285	7,06,374	6,60,794	6,40,157	6,70,935	5,93,635	6,19,640	Bengal.†
14,05,182	18,06,651	11,91,013	12,22,436	12,09,308	12,37,938	13,63,673	16,29,264	18,06,014	23,17,740	25,66,307	27,35,915	United Provinces.
12,65,664	11,44,403	11,76,696	8,51,627	6,67,752	7,40,512	7,65,146	7,99,176	9,19,177	8,89,302	9,23,878	9,31,662	Punjab.
39,38,063	30,59,783	35,51,532	37,17,247	36,83,618	38,42,799	41,31,162	41,38,584	42,74,901	46,80,447	48,86,241	49,36,588	Burma.
...	...	...	...	...	...	3,00,916	3,75,594	3,55,648	3,84,371	3,61,550	4,47,972	Bihar and Orissa.
5,93,910	7,07,860	8,00,373	8,91,349	10,12,541	10,87,340	8,41,013	8,08,911	9,10,240	8,98,330	7,55,214	6,76,033	Assam.‡
13,07,153	13,42,898	15,63,407	17,53,307	15,86,832	15,80,533	18,38,379	19,46,735	19,53,129	19,36,569	17,34,336	17,68,775	Central Provinces and Berar.
95,748	1,02,855	1,01,819	99,595	1,07,822	1,07,679	1,21,174	1,61,544	1,78,514	1,75,833	1,76,633	1,60,492	Coorg.
95,258	92,050	88,400	81,413	77,391	72,402	89,436	1,23,173	1,31,023	1,25,539	1,04,795	1,18,070	North-West Frontier Province.
17,131	16,715	18,188	19,916	19,272	19,918	22,343	29,714	23,595	21,733	25,152	26,634	Ajmer.
25,743	26,322	31,258	36,586	26,549	26,387	28,917	26,527	25,910	26,000	27,095	26,929	Baluchistan.
3,35,985	2,95,186	2,29,267	1,80,941	1,91,163	2,26,963	2,61,732	2,55,141	2,74,676	2,58,056	4,30,832	4,28,652	Andamans.
80,669	1,37,486	1,58,036	1,83,191	1,96,174	2,19,183	2,63,141	2,68,445	2,98,338	3,31,091	2,78,518	3,05,498	Forest College and Research Institute.
30,044	30,389	27,060	39,128	41,062	41,140	38,798	35,809	37,743	42,353	48,663	47,407	Forest Surveys (Imperial).
22,26,602	24,80,660	27,80,857	29,17,261	39,39,635	32,25,801	34,14,852	31,50,482	29,35,817	28,60,685	29,27,318	28,42,678	Madras.
21,26,093	19,90,183	19,55,427	20,43,873	20,63,088	20,70,417	26,64,436	26,94,455	25,89,677	24,87,925	26,42,038	25,64,681	Bombay.
1,42,20,521	1,40,62,819	1,45,12,933	1,47,26,034	1,49,20,654	1,52,44,023	1,69,46,566	1,72,07,810	1,75,43,455	1,82,06,450	1,85,02,607	1,87,43,883	GRAND TOTAL.

1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	1931-32.	1932-33.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1,18,903	1,23,858	61,661	59,361	61,193	(b) 1,93,252	59,082	45,019	Imperial.*
12,60,908	17,34,761	17,02,453	16,82,191	16,65,180	15,95,129	16,61,044	15,08,613	Bengal.
36,95,316	33,73,499	39,93,303	32,43,716	33,68,710	32,78,623	26,44,164	26,03,970	United Provinces.
27,01,510	27,03,356	29,51,874	21,97,319	29,09,197	28,01,464	21,01,402	22,09,140	Punjab.
(a) 66,87,913	(a) 59,40,894	(a) 88,97,859	(a) 81,21,771	(a) 78,08,695	(a) 75,61,238	(a) 66,52,310	(a) 68,64,385	Burma.
6,65,624	10,83,069	6,63,374	8,50,873	9,02,662	7,34,695	7,63,257	6,31,793	Bihar and Orissa.
16,67,983	14,47,506	14,15,767	21,22,866	22,20,302	21,16,689	16,11,209	14,10,217	Assam.
33,45,729	30,48,091	34,99,408	36,49,259	39,76,653	39,60,817	34,53,164	32,72,297	Central Provinces and Berar.
3,05,395	2,84,770	2,50,186	2,65,133	3,11,454	2,97,350	2,28,515	1,99,093	Coorg.
5,47,321	6,10,719	6,91,414	8,34,035	8,40,218	8,13,798	7,53,898	6,18,792	North-West Frontier Province.
55,161	79,728	82,854	76,355	81,200	83,821	87,684	75,153	Ajmer.
31,358	32,422	34,019	36,878	37,651	41,725	34,686	32,369	Baluchistan.
11,35,063	12,20,097	11,50,634	13,28,927	16,47,454	17,27,018	12,31,667	13,10,763	Andamans.
6,14,033	8,90,506	9,36,861	10,41,737	9,31,834	9,69,467	7,33,174	6,02,578	Forest College and Research Institute.
...	...	...	...	...	...	...	...	Forest Surveys (Imperial).
48,23,230	50,30,844	47,69,594	43,60,503	49,18,627	46,78,321	39,89,887	37,80,150	Madras.
42,07,626	43,69,516	43,11,751	41,92,415	46,75,278	43,51,566	40,66,782	36,23,296	Bombay.
3,80,63,202	3,66,06,816	3,56,64,654	3,50,01,269	3,63,35,613	3,52,05,803	3,00,74,024	2,87,06,552	GRAND TOTAL.

Office Establishment, and undistributable and petty local items and revenues and charges on Indore and Bangalore. Excludes Home charges. Orissa. to Bengal.

Surplus of the Forest Department throughout India for the 34 financial years

(III) SUR

Province.	Average of 1869-70 to 1873-74.	Average of 1874-75 to 1878-79.	Average of 1879-80 to 1883-84.	Average of 1884-85 to 1888-89.	Average of 1889-90 to 1893-94.	Average of 1894-95 to 1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	-61,510	-35,365	-55,025	-76,269	-78,978	-73,128	-90,460	-81,115	-76,055	-81,358	-81,690	-79,290
Bengal†	53,284	77,748	2,51,491	2,37,037	3,62,284	5,10,712	5,93,700	6,62,533	6,35,106	6,18,233	3,62,015	4,78,883
United Provinces	2,93,971	3,81,941	2,95,957	5,45,627	7,42,767	5,96,716	6,73,360	6,02,024	7,06,769	10,11,326	11,99,008	10,05,735
Punjab	1,41,903	1,48,410	1,06,096	2,67,578	2,54,043	3,89,286	1,89,310	4,68,499	5,09,223	6,26,313	5,61,382	8,62,089
Burma	4,91,451	6,16,896	9,75,814	11,78,891	33,06,271	44,94,900	53,64,610	53,99,727	32,27,481	38,48,700	49,16,131	55,12,832
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam‡ . . . . .	...	12,805	29,427	20,400	1,14,591	1,29,042	2,10,060	2,01,549	1,83,851	2,52,701	2,50,248	3,12,021
Central Provinces and Berar	3,42,807	5,46,203	6,63,453	6,73,358	6,78,848	1,97,298	21,670	99,748	3,78,212	4,27,140	7,17,066	6,92,844
Coorg	52,807	42,296	40,922	39,117	76,120	51,310	88,190	66,691	87,909	1,01,293	1,31,840	1,09,267
North-West Frontier Province . . . . .	...	...	...	...	...	...	...	...	6,496	47,038	41,230	16,003
Ajmer	-6,182	-17,510	-3,722	-5,761	1,172	-2,560	-5,050	-6,136	-9,062	-6,641	2,796	1,656
Baluchistan . . . . .	...	...	-4,033	5,157	-21,454	-18,176	-11,620	-12,298	-9,768	-3,901	3,334	-2,117
Andamans	4,728	4,004	29,711	16,525	1,02,889	69,010	1,19,660	1,37,749	62,236	41,333	1,61,260	2,76,885
Forest College and Research Institute . . . . .	...	...	...	-28,319	-43,387	-62,080	-70,340	-67,541	-72,745	-63,086	-56,301	-57,867
Forest Surveys (Imperial)	-11,911	-63,271	-40,308	-21,371	-23,823	-31,636	-33,560	-33,661	-33,257	-30,951	-33,504	-28,229
Madras	1,46,409	11,413	1,85,360	2,32,960	4,29,215	6,04,232	6,48,760	6,24,739	8,33,576	7,78,267	9,06,797	8,43,118
Bombay	5,29,627	3,58,074	6,42,526	11,63,502	14,45,104	10,64,662	2,86,770	5,52,948	6,60,010	6,52,715	9,75,602	11,16,954
GRAND TOTAL	16,96,631	20,83,593	32,07,634	42,41,192	73,45,662	79,19,616	79,84,930	86,10,433	70,77,327	82,22,209	1,00,49,754	1,10,62,094

Province.	1917-18.	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.	1923-24.	1924-25.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	-85,612	-83,150	-1,08,250	-1,41,571	-3,29,208	-4,06,941	-1,14,939	-1,38,495
Bengal	6,88,257	11,18,269	10,78,930	8,48,013	6,10,837	10,79,977	10,18,643	10,58,058
United Provinces	29,11,760	20,88,203	13,16,479	17,36,203	12,41,989	22,14,317	30,05,334	32,37,982
Punjab	9,59,728	3,58,371	11,29,758	2,29,309	6,15,102	-14,62,426	14,70,498	11,12,824
Burma	68,74,320	68,36,870	95,07,062	1,10,68,046	1,90,33,693	89,71,603	91,90,240	1,00,49,511
Bihar and Orissa	3,62,909	5,13,914	3,10,658	2,21,484	-94,292	1,64,373	2,78,428	2,79,871
Assam	6,23,329	8,01,757	6,59,873	5,65,343	8,05,516	5,99,219	8,14,417	11,47,903
Central Provinces and Berar	15,94,369	14,72,674	21,70,493	16,60,925	14,17,872	16,72,569	20,63,821	20,60,769
Coorg	2,38,732	2,52,301	4,40,491	-39,407	1,03,050	3,56,646	1,35,319	8,09,279
North-West Frontier Province	1,83,536	1,78,965	1,61,038	-2,34,418	-1,74,531	1,15,276	74,765	81,054
Ajmer	1,229	8,772	-12,368	10,695	-508	4,138	5,068	16,937
Baluchistan	-12,065	-3,679	-7,377	-6,217	-36,046	-21,529	-9,037	-9,885
Andamans	3,35,932	5,71,557	-1,70,696	-7,09,556	-7,86,929	-2,17,157	-2,84,852	-4,28,093
Forest College and Research Institute	-2,81,390	-3,88,965	-3,10,185	-4,44,836	-7,08,707	-5,54,823	-6,08,303	-7,23,786
Forest Surveys (Imperial)	-56,597	-59,110	-59,933	-90,443	-1,07,113	-1,19,935	-95,914	...
Madras	24,38,140	16,08,040	25,40,801	8,50,760	-2,46,185	4,89,493	7,81,731	...
Bombay	29,58,008	26,21,831	25,75,756	15,93,563	24,69,617	30,23,040	27,48,580	29,25,617
GRAND TOTAL	1,98,12,194	1,79,42,726	2,19,12,540	1,77,23,588	1,74,64,193	1,59,92,031	2,04,74,950	2,14,76,709

* Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests
† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
‡ Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred
(a) Includes Federated Shan States.
(b) Includes Rs. 1,25,587 on account of Chengtu Timber Operations.

MENT XIX—concl'd.

from 1899-1900 to 1932-33 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

PLUS.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
—76,512	—95,472	—92,538	—95,994	—93,700	—83,944	—84,034	—91,325	—87,825	—87,431	—86,015	—78,702	Imperial.*
5,25,033	4,82,473	4,84,256	6,00,864	4,89,541	5,24,159	4,10,068	10,39,807	9,75,954	6,33,561	5,51,975	7,19,130	Bengal.†
10,28,246	11,96,018	12,15,782	9,52,970	10,91,586	11,40,501	16,52,487	19,14,690	18,16,473	8,17,495	11,72,524	23,05,017	United Provinces.
5,17,989	4,60,881	2,80,753	4,37,165	3,64,881	4,77,446	5,44,931	4,39,857	4,33,766	5,48,703	8,03,405	7,53,139	Punjab.
63,91,806	61,52,766	51,12,457	54,71,785	56,74,459	62,27,818	58,36,432	67,83,809	71,50,529	50,27,247	48,12,976	74,42,943	Burma.
...	...	...	...	...	...	1,06,297	63,064	1,36,087	1,65,408	1,56,177	81,109	Bihar and Orissa.
5,12,186	6,12,732	6,30,074	5,55,019	5,22,191	8,03,295	3,05,307	3,33,160	1,87,729	—65,462	2,99,838	4,72,568	Assam.‡
11,41,978	10,58,281	7,06,721	3,24,855	4,91,488	5,24,693	7,11,475	12,25,050	12,33,324	13,35,960	15,43,926	16,02,803	Central Provinces and Berar.
1,49,671	1,83,054	1,69,937	1,24,735	1,05,307	1,68,376	1,73,998	1,20,103	1,50,713	23,401	2,72,522	3,26,822	Coorg.
33,271	89,564	1,50,090	41,369	95,914	1,32,850	68,735	1,15,010	1,35,718	1,12,420	82,020	1,22,915	North-West Frontier Province.
—2,129	1,620	11,676	7,699	4,718	13,928	4,018	6,882	10,302	9,437	—1,707	—5,362	Ajmer.
—4,262	—5,127	—6,429	—13,231	—7,820	—3,175	—8,530	—8,368	—5,823	—6,942	—6,362	—8,652	Baluchistan.
2,40,526	3,11,891	62,555	21,077	65,318	1,89,810	2,60,428	1,94,784	1,71,135	81,192	3,952	2,21,059	Andamans.
—77,569	—1,32,907	—1,51,901	—1,78,511	—1,01,265	—2,15,103	—2,57,891	—2,60,834	—2,02,532	—3,22,474	—2,71,523	—2,97,299	Forest College and Research Institute.
—30,044	—30,389	—27,060	—39,128	—41,062	—41,140	—38,798	—35,609	—37,743	—42,853	—48,663	—47,407	Forest Surveys (Imperial).
7,01,002	8,10,009	11,12,973	9,73,658	8,88,746	6,54,610	7,54,039	9,61,991	12,64,503	10,60,852	11,79,520	17,53,448	Madras.
13,58,900	14,82,298	16,90,750	15,43,483	16,94,568	16,47,807	16,66,133	23,00,064	25,13,279	21,92,817	20,59,325	29,54,495	Bombay.
1,24,16,072	1,24,27,687	1,19,50,046	1,07,30,765	1,11,05,149	1,21,61,431	1,21,10,793	1,50,01,999	1,57,59,090	1,15,03,334	1,25,23,760	1,83,16,047	GRAND TOTAL.

1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	1931-32.	1932-33.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs. (b)	Rs.	Rs.	
—1,18,093	—1,23,856	—61,661	—59,361	—61,193	—1,33,252	—59,052	—45,019	Imperial.*
15,95,452	13,89,080	16,47,027	14,36,166	18,86,898	7,16,920	33,435	3,104	Bengal.
27,30,935	24,97,804	32,07,680	29,36,673	27,00,908	16,97,495	18,84,759	19,91,605	United Provinces.
14,10,566	12,04,345	2,36,343	10,31,706	1,88,574	—4,16,566	1,39,807	—2,57,110	Punjab.
1,36,58,575	1,46,53,176	1,35,69,810	96,75,372	1,25,57,509	81,07,613	47,43,709	23,78,471	Burma.
3,62,968	—1,39,317	2,75,336	2,40,788	36,610	76,712	—1,35,244	—12,940	Bihar and Orissa.
14,71,157	16,85,967	21,07,693	16,45,507	12,09,706	1,46,498	3,15,870	2,06,188	Assam.
16,41,680	16,72,625	15,78,692	17,97,057	20,21,855	11,51,077	9,93,847	10,17,871	Central Provinces and Berar.
2,33,123	1,73,375	2,43,186	2,60,503	2,60,577	11,723	2,67,306	1,38,225	Coorg.
1,96,886	1,50,447	65,286	—5,558	24,150	—9,808	—22,613	1,20,918	North-West Frontier Province.
17,598	—12,794	—6,339	11,569	12,603	11,452	—97	15,272	Ajmer.
—7,737	—1,480	—4,152	—13,453	—6,351	—12,448	—6,710	—6,754	Baluchistan.
—2,44,034	—49,234	—32,622	1,71,770	3,59,339	2,10,578	3,19,796	3,11,366	Andamans.
—7,08,836	—6,22,541	—8,19,197	—8,35,735	—8,27,968	—8,78,862	—7,04,082	—5,43,618	Forest College and Research Institute.
...	...	...	...	...	...	...	...	Forest Surveys (Imperial).
3,47,281	5,86,856	6,74,837	15,95,270	18,46,198	5,89,766	2,64,027	9,49,019	Madras.
83,20,412	32,96,604	20,82,313	28,50,590	32,90,686	8,72,167	16,07,065	23,47,897	Bombay.
2,50,07,623	2,63,58,415	2,36,21,482	2,27,47,574	2,19,86,818	1,20,81,056	95,32,853	86,14,468	GRAND TOTAL.

Office Establishment, and undistributable and petty local items and revenues and charges on Indore and Bangalore. *Excludes Home charges, Orissa. †Bengal.

STATEMENT No. XX.

Forest Area by ownership (in square miles).

Province.	Type of Forests.	THE STATE.			Corporate Bodies.	Private individuals.	Total.	REMARKS.
		Dedicated to timber production.	Other forest.	Total.				
1	2	3	4	5	6	7	8	9
Bengal	Merchantable	6,984	81	7,015	...	(a) 1,654	8,669	
	Unprofitable or inaccessible	21	3,445	3,466	...	...	3,466	
United Provinces	Merchantable'	3,491	700	4,191	21	1,200	5,412	
	Unprofitable or inaccessible . . . . .	...	10,084	10,084	...	1,876	11,960	
Punjab	Merchantable	860	231	1,091	132	...	1,223	
	Unprofitable or inaccessible	1,158	3,029	4,187	666	...	4,853	
Burma	Merchantable	21,907	51,662	73,569	...	...	73,569	
	Unprofitable or inaccessible	6,983	41,707	48,696	...	...	48,696	
Federated Shan States	Merchantable	2,433	5,784	8,217	...	...	8,217	
	Unprofitable or inaccessible	715	52,084	52,799	...	...	(b) 52,799	
Bihar and Orissa	Merchantable	902	(c) 2,118	3,020	...	33,256	36,306	
	Unprofitable or inaccessible . . . . .	...	679	679	...	...	679	
Assam	Merchantable	3,282	...	3,282	52	817	3,851	
	Unprofitable or inaccessible	2,869	15,616	18,515	...	...	18,515	
Central Provinces	Merchantable	12,221	(d) 8,177	20,398	...	16,229	36,627	
	Unprofitable or inaccessible . . . . .	...	(d) 2,698	2,688	...	9,264	11,952	
Coorg	Merchantable	372	191	563	...	199	762	
	Unprofitable or inaccessible	123	139	262	...	146	406	
North-West Frontier Province	Merchantable	180	175	355	...	35	390	
	Unprofitable or inaccessible . . . . .	...	...	...	...	...	...
Ajmer	Merchantable	100	...	100	...	...	100	
	Unprofitable or inaccessible	42	...	42	...	...	42	
Baluchistan	Merchantable . . . . .	...	...	...	...	...	...
	Unprofitable or inaccessible . . . . .	...	788	788	...	...	788	
Andamans	Merchantable	2,169	...	2,169	...	...	2,169	
	Unprofitable or inaccessible . . . . .	...	...	...	...	...	...
Madras	Merchantable	1,171	6,896	11,067	...	5,482	10,549	} (e)
	Unprofitable or inaccessible	2,338	5,588	7,926	...	14,389	22,815	
Bombay	Merchantable	8,803	1,103	9,406	...	165	9,571	
	Unprofitable or inaccessible . . . . .	...	5,463	5,463	...	...	5,463	
TOTAL	Merchantable	67,895	77,068	144,463	205	59,567	203,235	
	Unprofitable or inaccessible	14,255	141,340	155,595	666	25,675	181,936	
GRAND TOTAL		81,650	218,408	300,058	871	84,242	385,171	
Percentage of total Forest Area		21.2	56.7	77.9	0.2	21.0	—	

(a) Includes 102 square miles managed by Government.

(b) Includes 22,202 square miles without forest growth.

(c) Includes 677 square miles under Civil Department.

(d) Includes 2,435 and 1,109 square miles of Ryotwari Forests respectively.

(e) Includes Panchayat forests.

**DIAGRAM SHOWING
ANNUAL FOREST REVENUE, EXPENDITURE & SURPLUS,
For the 10 years 1923-24 to 1932-33.**

